

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

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Claims 1-20. (canceled)

Claim 21. (new) A method for effecting transactions across a plurality of vendors in an internet environment, wherein a user purchases a plurality of items the user finds independent of the vendors, comprising:

displaying the plurality of items for purchase, the plurality of items drawn from the plurality of vendors;

receiving from the user a selection of items to purchase from the plurality of items, the selection of items comprising items from at least two vendors from the plurality of vendors;

mapping the selection of items to purchase to a selected set of vendors from the plurality of vendors;

determining a plurality of forms corresponding to the set of vendors for the selection of items, each form in the plurality of forms comprising at least one attribute;

filling in the plurality of forms based on user related information stored in a database using a wrapper; and

submitting the plurality of forms to the set of vendors using the wrapper.

Claim 22. (new) The method according to claim 21 wherein filling in the plurality of forms based on the user related information stored in the database further comprises:

capturing logic for a first one of the forms of a first selected vendor that needs to be filled to consummate the purchase using a first wrapper program; and

gathering information from a first web site of the first selected vendor using a second wrapper program.

Claim 23. (new) The method according to claim 21 wherein filling in the plurality of forms based on the user related information stored in the database further comprises:

filling in a first one of the forms for a first selected vendor using a first wrapper;  
and  
filling in a second one of the forms for a second selected vendor using a second wrapper.

Claim 24. (new) The method according to claim 23 wherein filling in the plurality of forms based on the user related information stored in the database further comprises:  
filling in a third one of the forms for a third selected vendor using a third wrapper.

Claim 25. (new) The method according to claim 21 further comprising:  
passing control to the user after filling in the plurality of forms to perform a confirming operation; and  
tracking confirmation information returned by the set of vendors in response to submitting the plurality of forms.

Claim 26. (new) The method according to claim 21 wherein displaying the plurality of items for purchase further comprises:  
searching the internet environment for the plurality of items matching a set of user specified criterion; and  
displaying a first web page comprising the plurality of items matching the set of user specified criterion.

Claim 27. (new) A computer program product embodied on a computer readable storage medium for effecting transactions across a plurality of vendors in an internet environment, wherein a user purchases a plurality of items the user finds independent of the vendors, comprising:  
code for displaying the plurality of items for purchase, the plurality of items drawn from the plurality of vendors;

code for receiving from the user a selection of items to purchase from the plurality of items, the selection of items comprising items from at least two vendors from the plurality of vendors;

code for mapping the selection of items to purchase to a set of vendors from the plurality of vendors;

code for determining a plurality of order entry forms corresponding to the set of vendors for the selection of items, each order entry form in the plurality of order entry forms comprising at least one attribute;

code for filling in the plurality of order entry forms based on user related information stored in a database using a wrapper; and

code for submitting the plurality of order entry forms to the set of vendors using the wrapper.

Claim 28. (new) The computer program product of claim 27 wherein the code for filling in the plurality of order entry forms further comprises:

code for capturing logic for a first one of the forms of a first selected vendor that needs to be filled in to consummate the purchase using a first wrapper program; and

code for gathering information from a first web site of the first selected vendor using a second wrapper program.

Claim 29. (new) The computer program product of claim 27 wherein the code for filling in the plurality of order entry forms further comprises:

code for determining order entry form identifiers for the set of vendors;

code for determining matching patterns using the order entry form identifiers, wherein the matching patterns are stored in a database; and

code for matching the matching patterns to web pages of the set of vendors, wherein the web pages are associated with order entry forms.

Claim 30. (new) The computer program product of claim 29 wherein the code for filling in the plurality of order entry forms further comprises:

code for parsing the order entry forms to obtain attributes for the web pages that match the matching patterns, wherein the attributes are fields in the order entry forms to be filled in.

Claim 31. (new) The computer program product of claim 27 further comprising:

code for passing control to the user after filling the plurality of order entry forms, wherein the user performs a confirming operation prior to submitting the plurality of order entry forms to the set of vendors.

Claim 32. (new) The computer program product of claim 27 further comprising:

code for tracking confirmation information returned by a one vendor in response to submitting the order entry form to the one vendor.

Claim 33. (new) A system for effecting transactions across a plurality of vendors in an internet environment, wherein a user purchases a plurality of items the user finds independent of the vendors, comprising:

a client system;

a server in communication with the client system;

wherein the client system is configured to display to the user the plurality of items for purchase, the plurality of items drawn from the plurality of vendors;

wherein the client system is configured to receive from the user a selection of items to purchase from the plurality of items, the selection of items comprising items from at least two vendors from the plurality of vendors;

wherein the server is configured to map the selection of items to purchase to a set of vendors from the plurality of vendors;

wherein the server is configured to determine a plurality of order entry forms corresponding to the set of vendors for the selection of items, each order entry form in the plurality of order entry forms comprising at least one attribute;

wherein the server is configured to fill in the plurality of order entry forms based on user related information stored in a database using a wrapper; and

wherein the server is configured to submit the plurality of order entry forms to the set of vendors using the wrapper.

Claim 34. (new) The system of claim 33 wherein the server is further configured to fill in a first one of the order entry forms for a first selected vendor using a first wrapper, and to fill in a second one of the order entry forms for a second selected vendor using a second wrapper.

Q3 Claim 35. (new) The system of claim 34 wherein the server is further configured to fill in a third one of the order entry forms for a third selected vendor using a third wrapper.

Claim 36. (new) The system of claim 33 wherein the server is further configured to track confirmation information returned by a selected vendor in response to submitting the order entry form to the selected vendor.


Claim 37. (new) The system of claim 33 wherein the server is further configured to capture logic for a first one of the order entry forms of a first selected vendor that needs to be filled to consummate the purchase using a first wrapper program, and to gather information from a first web site of the first selected vendor using a second wrapper program.

Claim 38. (new) The system of claim 33 wherein the server is further configured to determine order entry form identifiers for the set of vendors and matching patterns using the order entry form identifiers, wherein the matching patterns are stored in a database.

Claim 39 (new) The system of claim 38 wherein the server is further configured to match the matching patterns to web pages of the set of vendors, wherein the web pages are associated with the order entry forms.

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 Claim 40. (new) The system of claim 39 wherein the server is further configured to parse the order entry form for the web pages to obtain attributes for the web pages that matches the matching patterns, wherein the attributes are fields in the order entry forms to be filled in.

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